

Water-soluble reaction products essentially free from ester linkages, made from epihalohydrine and water-soluble basic polyamide amines, process for their preparation, and their use.

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
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Water-sol. reaction prods. (I), substantially free from ester bonds, of an epihalohydrin and a water-sol., basic polyamidoamine (II), (II) are based on reaction prod. of (a) satd. or olefinically unsatd. aliphatic 4-10C dicarboxylic acid or functional deriv. thereof, or an omega-aminocarboxylic acid of at least 3C or its lactam; (b1) aliphatic polyamine contg. at least 2 prim., and also at least 1 sec. and/or tert. amino gp.; or (b2) mixt. of (b1) with polyamine contg. at least 1 prim., and opt. at least 1 sec., amino gp., outside detrition of (b1), where amt. of additional amine is such that its proportion of prim. amino gps., on total amt. prim. amino gps., is not above 70% and (c) monoalkanolamine of formula H_2NR_3OH , where $R_3 = 2-10C$ n-, iso-, or cyclo-alkyl, and wherein ratio of sum of prim. NH_2 gps. to $COOH$ gps. (or functional deriv. thereof) is 0.8-1.4:1 and molar ratio (b) to (c) is 0.6: 0.4-0.99:0.01.

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